

What is claimed is:

1 1. A video signal input selector subject to cross coupling between selectable
2 video signals, comprising:

3 a video amplifier coupled to amplify a video signal selected from
4 said selectable video signals; and,

5 a controllable switch having first and second elements, said first
6 element receiving said selected video and coupled to signal ground and said
7 second element receiving said selected video and coupled to said amplifier,

8 wherein during a first condition said first element is controlled to be
9 open circuit and said second element is controlled to be short circuit coupling
10 said selected video signal to said video amplifier, and in a second condition said
11 first element is controlled to short circuit said selected video signal to said signal
12 ground and said second element is controlled to be open circuit substantially
13 inhibiting said selected video signal coupling to said video amplifier.

1 2. The video signal input selector of claim 1 wherein said first element
2 includes a switched frequency sensitive network.

1 3. The video signal input selector of claim 1, wherein said first element
2 includes a switched lowpass filter.

1 4. The video signal input selector of claim 1, wherein said first element
2 includes a lowpass filter controllably activated during said second condition.

1 5. The video signal input selector of claim 1, wherein said second condition
2 said selected video signal is deselected and controllably attenuated.

1 6. The video signal input selector of claim 1, wherein said second condition
2 said selected video signal is deselected and lowpass filtered.

1 7. The video signal input selector of claim 1, wherein said second condition a
2 DC condition existing at said first element receiving said selected video is
3 substantially unchanged.

1 8. A video display apparatus with video signal selection comprising:
2 a source of a video signal;
3 a video amplifier coupled to amplify a selected video signal; and
4 a controllable switch having first and second elements, said first
5 element being coupled to said source and a signal ground and said second
6 element being coupled to said source and said amplifier,
7 wherein during a first condition said first element is controlled to be
8 open circuit and said second element is controlled to be short circuit selecting
9 said video signal for coupling to said video amplifier, and in a second condition
10 said first element is controlled to be short circuit and second element is
11 controlled to be open circuit deselecting said video signal and inhibiting coupling
12 to said video amplifier.

1 9. The video display apparatus of claim 7, where in said second condition said
2 video signal coupled to said first switch element is lowpass filtered.

1 10. The video display apparatus of claim 7, where in said second condition said
2 video signal coupled to said first switch element is attenuated in amplitude.

1 11. The video display apparatus of claim 7, wherein said second condition a DC
2 condition existing at said first element receiving said selected video is
3 substantially unchanged.